



## DRINKING WATER QUALITY

The Drinking Water Quality Program is unique in addressing water quality from source to tap in order to improve drinking water supplies for the 22 million Californians who rely on the Bay-Delta watershed for all or part of their water.

### GOALS

- Improve the quality of water at its source
- Seek advancements in treatment technology
- Find innovative ways to manage and deliver water
- Support health effects research and perform comprehensive monitoring and assessment of Bay-Delta drinking water quality



### ACCOMPLISHMENTS

- Implemented seven projects in 2001 totaling \$26 million  
Projects Include:
  - The Salinity and Selenium Project to build a pilot plant to treat agricultural drainage and produce water for reuse
  - The Bay Area Blending/Exchange study aimed at improving water quality by blending and exchanging source waters among water utilities
  - Studies of the sources and concentrations of contaminants in Bay-Delta water
  - Studies on Veale and Byron Tracts exploring options for addressing drainage problems in the Delta
  - Water Quality Exchange for Friant-MWD
  - Desalination Research and Innovation Partnership (MWD)
- Developed solicitation and selection process to fund additional drinking water quality projects
- Facilitated approval of Memorandum of Understanding among key state and federal agencies to coordinate actions to address water quality problems
- Negotiated approval of a Memorandum of Understanding between state agencies and local partners for Bay Area Blending/Exchange Studies
- Conducting first grant process
  - Threshold and Science reviews completed
  - 28 proposals to continue through the review process

### **PUBLIC AND PEER REVIEW**

- Review by the Delta Drinking Water Council and Drinking Water Constituents Work Group

### **PERFORMANCE MEASURES**

- Performance measures may include: water quality as indicated by monitoring and testing at key points; frequency or occurrence of advanced treatment technologies at local treatment facilities, and consumer water rates.

### **NEXT STEPS**

- Help form new Drinking Water subcommittee that will operate under the new advisory group
- Make project recommendations for SWRCB Proposition 13 Nonpoint Source grants
- Issue Drinking Water Quality Program grants and directed actions for Years 2 and 3
- Initiate demonstration scale projects for ultraviolet disinfection and regional desalination
- Initiate feasibility study for Bay Area Blending/Exchange
- Develop and implement a plan to meet Delta water quality standards for which the state and federal projects have responsibility

